

WHAT IS CLAIMED IS:

1. A shockproof spindle having a spindle inserted into an elastomer, a compressible structure, and a sleeve, a hollow and circular cylinder, sequentially; the sleeve capping the elastomer while the elastomer presses on the top of the base fixed under the spindle; the ball contacting the chute of the spindle and the chute of the sleeve; the improvement comprising that a washer is a C-shaped plate, made by elastic material, and the opening size of the washer is according to the outer diameter of the spindle; and the washer is thick enough to push the elastomer upward and to arise the sleeve when the washer inserts into the contact surface between the elastomer and the base fixed under the spindle, and the ball is held in the chute of the sleeve and the chute of the spindle at the same time.
2. The shockproof spindle as claimed in Claim 1, wherein the maximum compressing deformation of the elastomer is according to keep the ball to contact the chute of the spindle and the chute of the sleeve is never lower than the minimum position of he chute of the spindle.